

SALISH SEA EXPEDITIONS *at the*
NORTHWEST MARITIME CENTER
Port Townsend, Washington



JOB DESCRIPTION: Marine Science Educator

The Marine Science Educator is responsible for assisting students in developing their research project in the classroom as well as collecting and analyzing oceanographic data onboard the vessel. The Marine Science Educator works with the Program Coordinator as the science education team. Salish Sea Expeditions works with groups of 5th-12th grade students. Trips range from 3-5 Day Expeditions(overnight) as well as 1-Day programs. The Marine Science Educator is one member of the six-person Education Team, working together to deliver quality inquiry-based and hands on marine science research programs. All crew members aboard the vessel participate in all shipboard duties: vessel operations, line handling, docking, anchor watch, cleaning, etc.

PRIMARY RESPONSIBILITIES:

- Leads science education team to assist 5th-12th grade students in developing and conducting their experiment
- Onboard the vessel supervises groups of 14 students in creating a sampling plan and itinerary, deploying science equipment, analyzing data, and synthesizing results
- In evenings goes to shore with students to assist in setting up tents, cooking and organizing free time and evening activities
- General maintenance of scientific equipment
- Pre and post expedition duties include facilitating classroom session and assisting students with developing their research question, and creating a communication piece about their research
- Other office duties include preparing materials in the office to prepare for trips, assisting in food and supply packing, logistical projects
- Attending events as representative of Salish Sea Expeditions and program development as necessary
- Other duties as assigned

GENERAL OPERATIONS

While this position's primary responsibility is assisting students in developing their research questions and collecting and analyzing data their aboard the vessel, the Marine Science Educator will work as part of the Salish Sea Expeditions and Northwest Maritime Center team to ensure smooth operations for the organization as a whole. Integral to the success of Salish Sea Expeditions and our hands-on, boat-based programs is a crew full of knowledgeable, curious, enthusiastic, and self-motivated educators. We aim to create a generation of critical thinkers who will collaborate to solve society's hardest problems.

MINIMUM QUALIFICATIONS

- BA/BS in marine biology, oceanography, or other relevant field of study
- Knowledge of or demonstrated interest in Oceanography and associated sampling techniques
- Ability to carry out and explain the scientific process to students
- Demonstrated Inquiry Based teaching ability
- Experience working with 10-16 year olds
- Current first aid/CPR.
- Enthusiasm for working outdoors in all types of weather
- Ability to lift and carry gear up to 50lbs
- Ability to work well both individually and as a team member, as well as independently with small



groups of students

- Ability to stay positive when working with crew and students over multiple days in relatively confined spaces of the vessel
- Proactive work ethic: willingness to help in any aspects of programming necessary
- Ability to pass pre-employment background check and drug test

PREFERRED QUALIFICATIONS

- Knowledge of the physical and biological processes of the Salish Sea
- Teaching certification
- WFA/WFR/EMT certification
- Experience working on other boats or sailing vessels
- Experience rowing

APPLICATION PROCESS

New crew member:

1. Complete **Education Team Application** here- <https://www.salish.org/jobs/>
2. Send cover letter and resume to jobs@salish.org

Returning Crewmember:

1. Complete **Education Team Application for Returning Crew** here- <https://www.salish.org/jobs/>
2. If it has been more than 2 years, please email a cover letter and resume to jobs@salish.org

HIRING INFORMATION

- Spring Season: March-June; Hiring period: November-December
- Fall Season: September-October; Hiring period: July-August

Position is Seasonal, full-time

Office located at 431 Water St., Port Townsend, WA 98368

Position title: Marine Science Educator

Reports to: Program Manager

Wage, based on a daily rate:

- Average \$1500-\$2100/month; depending on experience & schedule
- Additional benefits: Full room, partial board and seatime

